

Final Rule

LSA Document #05-348(F)

DIGEST

Amends [675 IAC 14-4.3-100](#), Section R602.10.5 of the 2005 Indiana Residential Code, to clarify the intent and interpretation of that section. Effective 30 days after filing with the Publisher.

[675 IAC 14-4.3-100](#)

SECTION 1. [675 IAC 14-4.3-100](#) IS AMENDED TO READ AS FOLLOWS:

[675 IAC 14-4.3-100](#) Section R602.10.5; continuous structural panel sheathing

Authority: [IC 22-13-2-2](#); [IC 22-13-2-13](#)

Affected: [IC 22-12](#); [IC 22-13](#); [IC 22-14](#); [IC 22-15](#); [IC 36-7](#)

Sec. 100. Make the following changes to SECTION 602.10.5: (a) In the first sentence, delete "**all walls** and interior braced wall lines," ~~where required,~~ and insert "**an exterior wall line,**" and, after "**braced wall panel lengths**", insert "**for such a wall line**".

(b) In the second sentence, after "R602.10.5", insert "for such a wall line".

~~(b)~~ **(c)** Add an exception to read as follows: EXCEPTION: Vertical wall segments in the first of one or first of two story buildings next to garage openings shall be permitted to have 6:1 height-to-width ratio (with height being measured from top of header to sill plate) when constructed in accordance with the following provisions. Each panel shall have a length of not less than 16 inches (406 mm) and a height of not more than 10 feet (3,048 mm). Each panel shall be sheathed on one face with a single layer of 3/8 inch minimum thickness (9.5 mm) wood structural panel sheathing nailed with 8d common or galvanized box nails in accordance with Figure R602.10.5(2). The wood structural panel sheathing shall extend up over the solid swan or glued-laminated header and shall be nailed in accordance with Figure R602.10.5(2). The header shall extend between the inside faces of the first full-length outer studs of each panel. The clear span of the header between the inner studs of each panel shall be not less than 6 feet (1,829 mm) and not more than 18 feet (5,486 mm) in length. A strap with an uplift capacity of not less than 1,000 pounds (454 kg) shall fasten the header to the side of the inner studs opposite the sheathing. Two anchor bolts shall be installed in accordance with Section 403.1.6, and plate washers shall be a minimum of 2 inches by 2 inches by 3/16 inch (51 mm by 51 mm by 4.8 mm) thick and shall be used on each bolt. This exception is only permitted in Seismic Design Categories A-C.

~~(c)~~ **(d)** Add FIGURE R602.10.5(2) to read as follows:

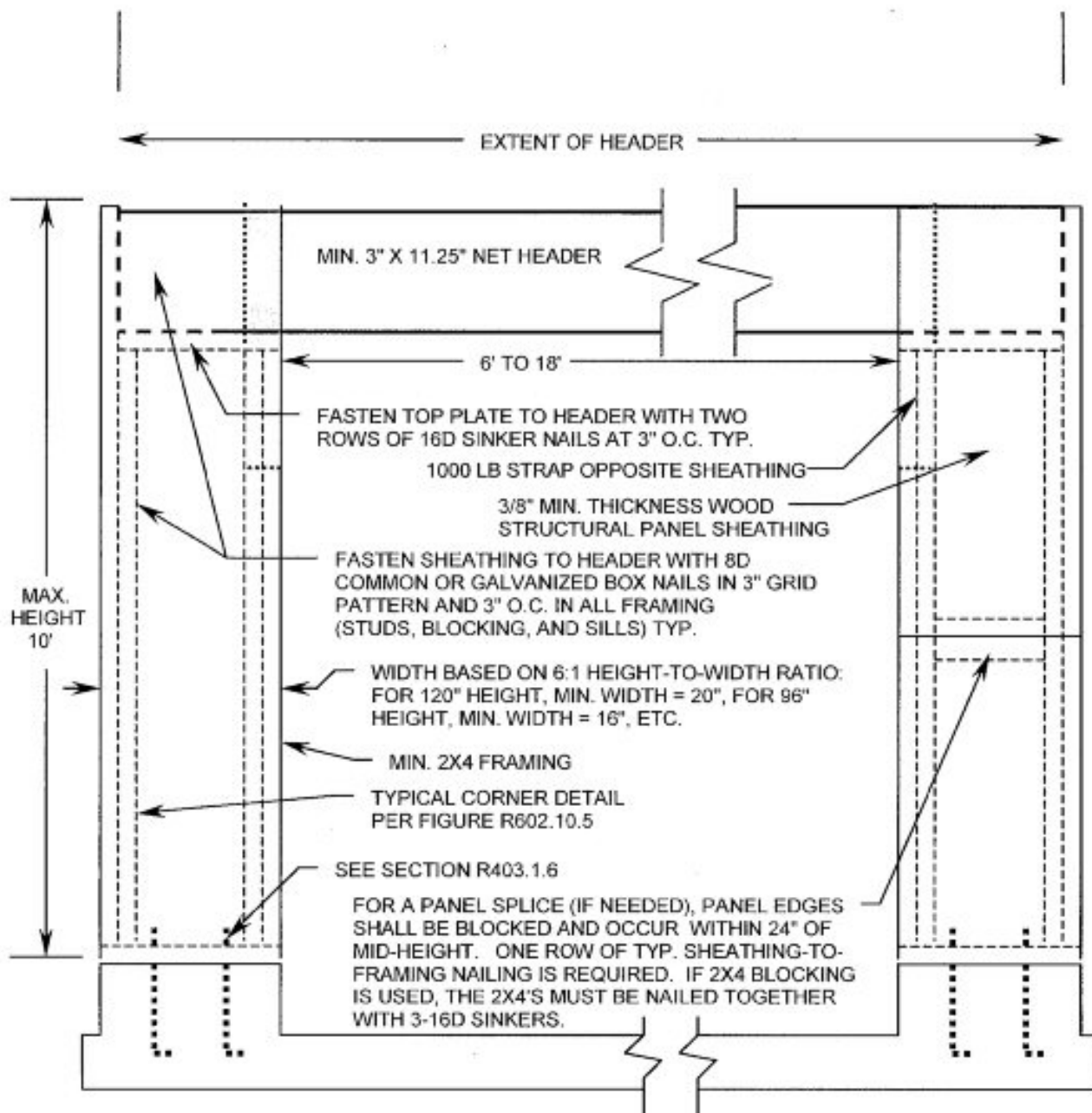


FIGURE R602.10.5(2)
GARAGE DOOR BRACED WALL PANEL FOR USE
WITH CONTINUOUSLY SHEATHED WALLS

(Fire Prevention and Building Safety Commission; [675 IAC 14-4.3-100](#); filed Jun 13, 2005, 3:00 p.m.: 28 IR 3277, eff 90 days after filing with the Secretary of State; filed Oct 18, 2006, 2:39 p.m.: [20061115-IR-675050348FRA](#))

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